
North America's Leader in Hazardous Material Information Management
1905 Aston Avenue, Carlsbad, CA 92008
Phone (800) 451-8346 Fax (760) 602-8888

MSDS PRODUCT INFORMATION

Date: 10/07/2005
To: MSDS Requester
From: 3E Company
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Loctite Corporation
Product Name: Lift Off (Aerosol) (DISCONTINUED)



3E COMPANY *North America's Leader in Hazardous Material Information Management*
1905 Aston Avenue, Carlsbad, CA 92008
Phone (800) 451-8346 Fax (760) 602-8856

MSDS DISCONTINUED PRODUCT

Date: 10/22/2001

To: MSDS Requester

From: 3E Company

Subject: The MSDS you have requested

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS attached is the most current version, or an MSDS is no longer available.

Manufacturer: Loctite Corporation

ProductName: Lift Off (Aerosol) (Discontinued)

MATERIAL SAFETY DATA SHEET

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: LIFTOFF 10Z AEROSOL
 Item No.: 82048
 Part No.: 12448
 Product Type: AEROSOL CLEANER

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
KEROSENE	8008-20-6	30-35
ETHANE, 1,1,1-TRICHLORO-*	71-55-6	25-30
XYLENES*	1330-20-7	15-20
ISOBUTANE	75-28-5	10-20
Mineral oil	8042-47-5	<5

* This component is listed as a SARA Section 313 Toxic Chemical.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
ETHANE, 1,1,1-TRICHLORO-	350 ppm TWA	350 ppm TWA	None
	1910 mg/m3	1900 mg/m3	
XYLENES	100 ppm TWA	100 ppm TWA	None
	434 mg/m3	435 mg/m3	
Mineral oil	5mg/m3 TWA mist	5mg/m3 TWA mist	None

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
ETHANE, 1,1,1-TRICHLORO-	450 ppm	450 ppm
	2450 mg/m3	2450 mg/m3
XYLENES	150 ppm	150 ppm
	651 mg/m3	655 mg/m3
Mineral oil	10 mg/m3 mist	None

3. HAZARDS IDENTIFICATION

Toxicity: SKIN IRRITANT
 UPPER RESPIRATORY IRRITANT
 Primary Routes of Entry: SKIN, INGESTION, INHALATION
 Signs and Symptoms of Exposure: ACUTE EXPOSURE SYMPTOMS INCLUDE DIZZINESS, INCOORDINATION, DROWSINESS, INCREASED REACTION TIME, UNCONSCIOUSNESS, AND DEATH
 Existing Conditions Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
KEROSENE	CNS IRR LUN	NO	NO	NO
ETHANE, 1,1,1-TRICHLORO-	AC4 CAR CNS IRR LIV	NO	N/A	NO
XYLENES	AC4 CAR CNS IRR KID LIV	NO	NO	NO
ISOBUTANE	CAR CNS LUN	NO	NO	NO
Mineral oil	No Data	NO	NO	NO

Abbreviations

N/A Not Applicable
 CAR Cardiac
 IRR Irritant
 LIV Liver

AC4 ACGIH-Unclassifiable as human carc.
 CNS Central nervous system
 KID Kidney
 LUN Lung

LOCTITE CORPORATION

1001 TROUT BROOK CROSSING
ROCKY HILL, CT 06067-3910
EMERGENCY PHONE: (860) 571-5100

ISSUED 11/22/98
12:14:30
FAX: (860) 571-5465

MATERIAL SAFETY DATA SHEET

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Product Name: LIFTOFF 10Z AEROSOL
Item No.: 82048

4. FIRST AID MEASURES

Ingestion: DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.
Inhalation: REMOVE TO FRESH AIR. CALL PHYSICIAN.
Skin Contact: WASH THOROUGHLY WITH LARGE QUANTITIES OF SOAP AND WATER.
Eye Contact: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point: <20 DEG F (PROPELLANT) Method: T.O.C.
Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
Special Firefighting Procedures: Not available
Hazardous Products formed by Fire or Thermal Decomp: CO, CO2, HYDROGEN CHLORIDE, PHOSGENE GAS
Unusual Fire or Explosion Hazards: WATER MAY BE INEFFECTIVE

Explosive Limits:
{% by volume in air} Lower Not available
{% by volume in air} Upper Not available

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA AND SOAK UP IN ABSORBENT MATERIAL.

7. HANDLING AND STORAGE

Safe Storage: DO NOT STORE ABOVE 120 DEG F. KEEP AT ROOM TEMPERATURE AS EXPOSURE TO HEAT MAY CAUSE BURSTING.
(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
Handling: KEEP AWAY FROM CHILDREN. DO NOT PUNCTURE OR INCINERATE.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: SUFFICIENT TO MAINTAIN VAPOR CONCENTRATION BELOW TLV
Respiratory: Not available
See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: COLORLESS LIQUID
Odor: PUNGENT
Boiling Point: N/A
pH: Does not apply
Solubility in Water: PARTIAL
Specific Gravity: Not available
Volatile Organic Compound (EPA Method 24): 16.2% THEORETICAL
Vapor Pressure: Not available
Vapor Density: HEAVIER THAN AIR
Evaporation Rate (Ether = 1): Not available
METHOD USED: UNK

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: None
Conditions to Avoid: Not available

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Product Name: LIFTOFF 10Z AEROSOL
Item No.: 82048

10. STABILITY AND REACTIVITY (continued)

Hazardous Decomposition
Products (non-thermal): DO NOT STORE ABOVE 120 DEG F

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: DO NOT INCINERATE. DISPOSE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.

EPA Hazardous Waste Number: D001/F002 - Hazardous waste per 40CFR 261.21 and 261.31/1,1,1-Trichloroethane

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)
Domestic Ground Transport
Proper Shipping Name: CONSUMER COMMODITY
Hazard Class or Division: ORM-D
Identification Number: None
Marine Pollutant: None

IATA
Proper Shipping Name: AEROSOL, NON FLAMMABLE GAS N.O.S., UN1950
Class or Division: CLASS 2
UN or ID Number: UN1950

15. REGULATORY INFORMATION

CA Proposition 65: Not available

16. OTHER INFORMATION

Estimated NFPA(R) Code:
Health Hazard: 3
Fire Hazard: 4
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:
Health Hazard: 3
Flammability Hazard: 4
Reactivity Hazards: 0
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: PAULA KINNEY
Title: ENVIRONMENTAL HEALTH & SAFETY
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Revision Date: April 15, 1997 Revision: 0003